

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

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COUNTRY	Bulgaria	REPORT	
SUBJECT	Bridges on the Sofia-Svilengrad Road	DATE DISTR.	17 January 1955
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This is UNEVALUATED
 Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
 THE APPRAISAL OF CONTENT IS TENTATIVE.
 (FOR KEY SEE REVERSE)

25X1

The Sofia - Svilengrad highway includes
 the following bridges:

- a. Bridge crossing the Letnitsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics: 25X1
 - (1) Location: 1.6 kilometers southeast of Dimitrovgrad (N 42-56, E 22-56)
 - (2) Type of bridge: reinforced concrete, arch-type, 3-span; runs obliquely over a railway bridge (see sketch included as an Appendix on page 4)
 - (3) Abutments and piles: stone masonry
 - (4) Length: approximately 120 meters
 - (5) Height above railway bridge: 20 meters
 - (6) Side walls: reinforced concrete 25X1
 - (7) Current: slow
 - (8) High water mark: 2 meters
 - (9) Low water mark: 30-40 centimeters
 - (10) River banks: left bank, 70 degree slope; right river bank, 40 degree slope;
- b. Bridge crossing the Vrabnitsa River, has the following characteristics:
 - (1) Location: 200 meters east of Slivnitsa (N 42-51, E 23-02)
 - (2) Type of bridge: reinforced concrete, arch-type, single-span
 - (3) Other data: unknown;
- c. Bridge crossing the Golyama Iskŭr River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:
 - (1) Location: approximately 12 kilometers east of the center of Sofia
 - (2) Type of bridge: iron, girder-type, 10-12 spans
 - (3) Girders: rectilinear, trellis type, six meters high, joined by hinges; trellis-type roof
 - (4) Abutments and piles: stone masonry
 - (5) Length: approximately 450 meters
 - (6) Width: 9 meters

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(NOTE: Washington distribution indicated by "X"; Field distribution by "#")

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25X1

- (7) Height above river bed: 7 meters
- (8) Sidewalks: one on each side, one meter in width
- (9) Current: fairly swift
- (10) High water mark: 3 meters
- (11) Low water mark: 30-40 centimeters
- (12) Slope of river banks: 50 degrees; the height of the banks in the vicinity of the bridge is of approximately 20 meters:

25X1

d. Bridge crossing the Mütivir River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: Approximately 6 kilometers east of Vakarel (N 42-33, E 23-43)
- (2) Type of bridge: reinforced concrete, arch-type, single span with a chord of 50 meters and a rise of 3-4 meters
- (3) Abutments: stone masonry
- (4) Length: approximately 60 meters
- (5) Width: 8 meters
- (6) Height above river bed: 10 meters
- (7) Sidewalks: One on each side, of one meter each
- (8) Side walls: reinforced concrete
- (9) Current: Swift (in the spring)
- (10) High water mark: 3 meters
- (11) Low water mark: stream practically dry
- (12) Slope of river banks: 50 degrees; in the vicinity of the bridge the banks are 10-15 meters high; 300-400 meters downstream from the bridge they are nearly level to the river;

25X1

e. Bridge crossing the Mütivir River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: 7 kilometers southeast of Ikhtiman
- (2) Type of bridge: reinforced concrete; arch-type, single span with a chord of 20 meters
- (3) Abutments: stone masonry
- (4) Length: 30-35 meters
- (5) Width: 9 meters
- (6) Height above river bed: 5 meters
- (7) Sidewalks: one on each side, one meter wide
- (8) Side walls: reinforced concrete
- (9) Current: slow
- (10) High water mark: unknown
- (11) Low water mark: 30-40 centimeters
- (12) River banks: nearly flat;

f. Bridge crossing the Maritsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: 400 meters northeast of Gara Kostenets (N 42-18, E 23-53);
- (2) Type of bridge: reinforced concrete, girder-type, 3-span, each 12 meters in length
- (3) Abutments and piles: concrete
- (4) Length: 50 meters
- (5) Width: 10 meters
- (6) Height above river bed: 8 meters
- (7) Sidewalks: one on each side, one meter wide
- (8) Side walls: reinforced concrete
- (9) Current: swift
- (10) High water mark: 2.5 meters
- (11) Low water mark: 50-60 centimeters
- (12) Slope of river banks: 60 degrees, rocky; upstream and downstream from the bridge they are 4-5 meters high;

g. Bridge crossing the Maritsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

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25X1

- (1) Location: 150 meters northwest of Gara Sestino (N 42-15, E 23-56), located 6 kilometers southeast of Kostenets
- (2) Type of bridge: reinforced concrete, arch-type, single-span with a chord of 40 meters and a rise of 4-5 meters
- (3) Abutments: stone masonry
- (4) Length: approximately 60 meters
- (5) Width: 9 meters
- (6) Height above river bed: 15 meters
- (7) Sidewalks: one on each side, one meter wide
- (8) Side walls: reinforced concrete
- (9) Current: swift
- (10) High water mark: unknown
- (11) Low water mark: 50 centimeters
- (12) Slope of river banks: 60 degrees; the banks are 20 meters in height;

h. Bridge crossing the Eli-Dare River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: 4.5 kilometers approximately east of Saran'ovo (N 42-13, E 24-07)
- (2) Type of bridge: reinforced concrete, girder-type, 6-7 spans
- (3) Abutments and piles: stone masonry
- (4) Length: 150 meters
- (5) Width: 9 meters
- (6) Height above river bed: 5 meters
- (7) Sidewalks: one on each side, one meter wide
- (8) Sidewalls: reinforced concrete
- (9) Current: swift (in the spring)
- (10) High water mark: 2-3 meters
- (11) Low water mark: practically no water
- (12) Banks: nearly level
- (13) River bed: 200 meters wide, except for the area in which the bridge is located and where the river narrows;

i. Bridge crossing the Topolnitsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: 800 meters west of Pazardzhik;
- (2) Type of bridge: Iron, girder-type, 3-span, each 20 meters long
- (3) Abutments and piles: stone masonry
- (4) Length: 72 meters
- (5) Width: 9 meters
- (6) Height above river bed: 8-9 meters
- (7) Side walks: one on each side, one meter wide
- (8) Current: slow
- (9) High water mark: unknown
- (10) Low water mark: 80 centimeters
- (11) Slope of river banks: 50-60 degrees; approximately 3.5 meters high in the vicinity of the bridge;

j. Bridge crossing the Maritsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: on the western outskirts of Plovdiv
- (2) Type of bridge: reinforced concrete, girder-type, 10-span, each 20 meters long
- (3) Abutments and piles: stone masonry
- (4) Length: 320-340 meters
- (5) Width: 9 meters
- (6) Height above river bed: 8 meters
- (7) Side walks: one on each side, one meter wide
- (8) Side walls: reinforced concrete
- (9) Current: Slow
- (10) High water mark: 2-3 meters
- (11) Low water mark: 50 centimeters
- (12) River banks: faced in stone masonry upstream and downstream; approximately 4 meters high and have a slope of 75 degrees;

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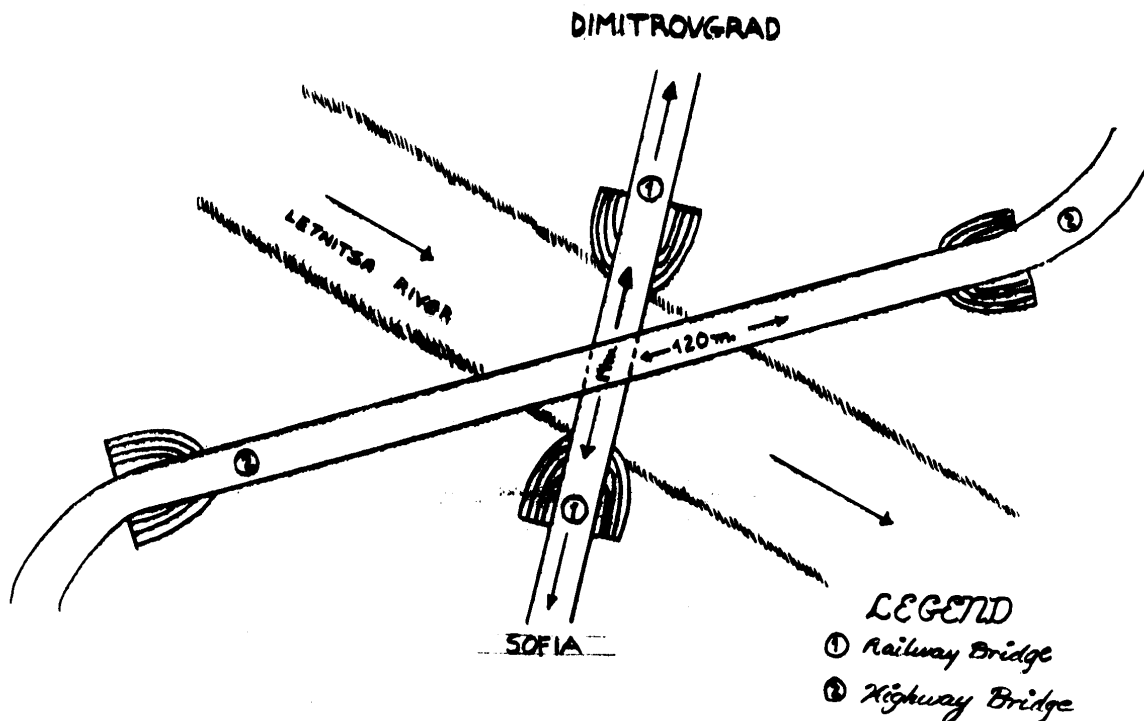
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k. Bridge crossing the Maritsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: 2 kilometers east of Borisovgrad (Now Pervomay)
- (2) Type of bridge: reinforced concrete, girder-type, 10-12 spans
- (3) Abutments and piles: stone masonry
- (4) Length: 400 meters
- (5) Width: 9 meters
- (6) Height above river bed: 10 meters
- (7) Sidewalks: one on each side, one meter wide
- (8) Side walls: reinforced concrete
- (9) Current: swift (in the spring)
- (10) High water mark: 3 meters
- (11) Low water mark: 20-30 centimeters
- (12) River banks: 5-6 meters high

l. Bridge crossing the Maritsa River, constructed prior to 1920, never underwent any major repairs, has the following characteristics:

- (1) Location: 2 kilometers west of Simenovgrad (now Maritsa)
- (2) Type of bridge: reinforced concrete, girder-type, 10-12 spans
- (3) Abutments and piles: stone masonry
- (4) Length: 450 meters
- (5) Width: 9 meters
- (6) Height above river bed: 8-9 meters
- (7) Sidewalks: one on each side, one meter wide
- (8) Side walls: reinforced concrete
- (9) Current: slightly swift (in the spring)
- (10) High water mark: 2 meters
- (11) Low water mark: 30 centimeters, at certain points only
- (12) Slope of river banks: 60 degrees; 4-5 meters high.



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